

# ITS Technical Notes

## Windows Enterprise Announcement

### April 21, 2008 – Kerberos-4 Demise - Windows Implications

ITS has announced May 15, 2008 as the date on which the "Kerberos-4" authentication protocol will be disabled.

EVERY Windows system with the "Kerberos for Windows" ("KfW") package installed will have to be re-configured on or before May 15, 2008 to disable a "Kerberos-5-to-4" ticket generation that is currently occurring. This action was happening during the "transition period" so that both Kerberos-5 and Kerberos-4 credentials are available. If a KfW configuration change is NOT done by May 15 an error will begin to occur. ITS will provide a "KfW Configuration Change" script to perform this task. Watch for further announcements.

You MAY be able to perform this "KfW configuration change" (when the script becomes available) prior to May 15 PROVIDED all applications on your system are using Kerberos-5. However, if you have not upgraded ALL applications (see below) then changing the KfW configuration early will break all old applications NOW. In any case, old applications using Kerberos-4 will cease to work beginning May 15.

Windows software supported by ITS that may be affected by the Kerberos-4 shutdown are:

Package: Scout

Minimum Version Required: 9.0

Current version available:

- 1) Launch Scout and allow automatic upgrade or
- 2) Acquire from <http://www.it.iastate.edu/downloads/>

Package: PCLPR

Minimum Version Required: 2.3.1

Current version available:

- 1) Via Scout
- 2) Acquire from <http://www.sitelicensed.iastate.edu/software/windows/PCLPR>

Package: SideCar

Minimum Version Required: \*\*\* Obsolete \*\*\*

Current version: Upgrade to "kpoprelay" via Scout

Package: WinZephyr

Minimum Version Required: 2.0

Current version: \*\*\* Not available yet -- Watch for announcement \*\*\*

Package: Eudora Pro

Current Scout installations always configure to use Kerberos 5.

Manual or very old installations: Verify that under "Options->Kerberos"

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settings that "Kerberos 4" is "Off".

Current version available:

- 1) Via Scout
- 2) Acquire from

<https://www.sitelicensed.iastate.edu/software/windows/EUDORA/>

Very old versions of "Hummingbird HostExplorer" and "OpenAFS" (or Transarc-AFS) used "Kerberos-4 only". The best option is to upgrade these packages to current versions (via Scout).

This will be a topic at the April 22 CCSG meeting (2:00, Durham 206) and the May 9 WinAdmin meeting (9:00, Durham 206).